

ABSTRACT

In producing a stamper for molding an optical disc, a master disc which can be obtained from the steps of forming a thermosensitive material layer capable of acting as a negative type by a laser beam on a substrate, irradiating a laser beam to predetermined areas of the thermosensitive material layer so as to partially perform exposure and wet-etching the partially exposed thermosensitive material layer so as to form a fine pits-and-bumps pattern is used as a stamper for injection molding machine. Therefore, minute pits each having a size smaller than the spot of the laser beam of optical limit are formed, thereby providing a stamper with the small number of deficiencies.